



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

# SCIENCE

A WEEKLY JOURNAL DEVOTED TO THE ADVANCEMENT OF SCIENCE, PUBLISHING THE  
OFFICIAL NOTICES AND PROCEEDINGS OF THE AMERICAN ASSOCIATION  
FOR THE ADVANCEMENT OF SCIENCE

FRIDAY, MARCH 27, 1908

## CONTENTS

<i>Chemical Positions in the Government Service</i> : DR. W. D. BIGELOW .....	481
<i>The American Society of Zoologists—II</i> : DR. LORANDE LOSS WOODRUFF .....	488
<i>The American Society of Biological Chemists</i> : PROFESSOR WILLIAM J. GIES .....	495
<i>Scientific Books</i> :—	
<i>Schillings's in Wildest Africa</i> : PROFESSOR FRANCIS H. HERRICK. <i>Marchal's Aposporie et Sexualité chez les Mousses</i> : DR. A. F. BLAKESLEE. <i>Dodge's Study of Visual Fixation</i> : PROFESSOR EDMUND B. HUEY .....	497
<i>Scientific Journals and Articles</i> .....	502
<i>Societies and Academies</i> :—	
<i>The Philosophical Society of Washington</i> : F. L. FARIS. <i>The Biological Society of Washington</i> : M. C. MARSH. <i>The Anthropological Society of Washington</i> : DR. WALTER HOUGH. <i>The Botanical Society of Washington</i> : DR. W. E. SAFFORD .....	503
<i>Discussion and Correspondence</i> :—	
<i>Inheritance of Fluctuating Variations</i> : DR. W. J. SPILLMAN .....	509
<i>Special Articles</i> :—	
<i>The Derivation of Fechner's Law</i> : DR. P. G. NUTTING .....	510
<i>Astronomical Notes</i> :—	
<i>Fluctuations in the Sun's Thermal Radiation</i> ; <i>The Return of Halley's Comet</i> : PROFESSOR S. I. BAILEY .....	511
<i>Botanical Notes</i> :—	
<i>Trees and Lightning</i> ; <i>As to Birdseye Maple</i> ; <i>An English Key to the Sylloge Fungorum</i> ; <i>Botanical Charts</i> ; <i>Short Notes on Papers</i> : PROFESSOR CHARLES E. BESSEY .....	13
<i>The University of Oviedo</i> .....	516
<i>The Summer Meeting of the American Association for the Advancement of Science</i> ...	516
<i>Scientific Notes and News</i> .....	17
<i>University and Educational News</i> .....	520

## CHEMICAL POSITIONS IN THE GOVERNMENT SERVICE<sup>1</sup>

WHEN we enter the profession of chemistry our chief interest is centered on the conditions that obtain in the various fields of chemical activity. In the case of those who retain their youth by contact with student life, that interest does not lessen.

Frequent inquiries covering a broad scope are made by students and recent graduates in chemistry, and teachers, to whom they naturally turn for advice, are constantly asking for material that will enable them to supply this information. Inquiries made at the Department of Agriculture regarding opportunities for chemical work are mainly from students who are nearing the completion of their college course, or from teachers who are directing the studies of others. Often the inquiry relates to the character of work which the student should undertake in order to fit himself for a position in the department. Unfortunately the information is rarely sought with a view to increasing the equipment of men who have received broad fundamental training. The purpose is usually to substitute for a portion of a regular course in chemistry, some special study that will afford a temporary advantage.

I offer these inquiries as my apology for discussing in a few minutes a subject that would require a volume for its adequate treatment. It is my purpose to

<sup>1</sup>Address before Section C of the American Association for the Advancement of Science, Chicago, January 2, 1908.

MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y.